

FIG. 1A

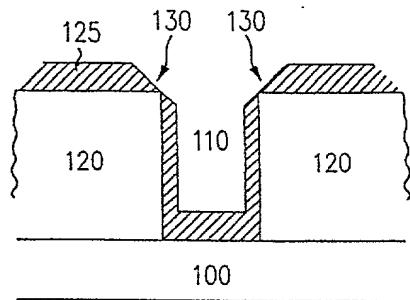


FIG. 1B

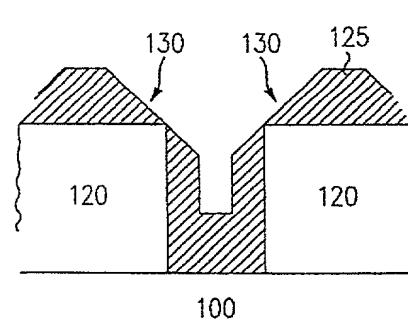


FIG. 1C

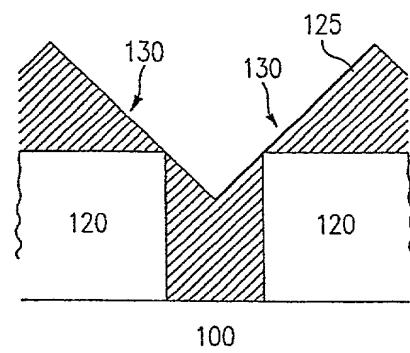


FIG. 1D

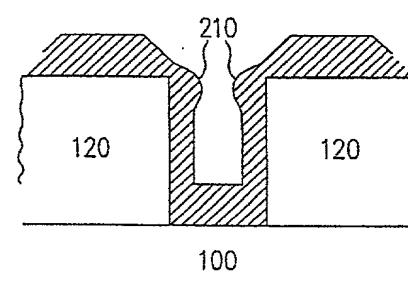


FIG. 2A

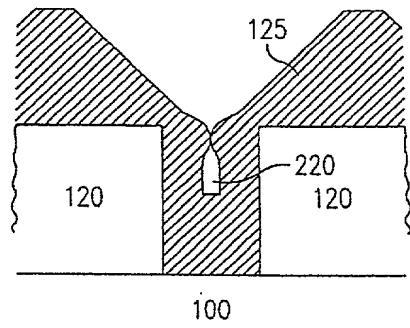


FIG. 2B

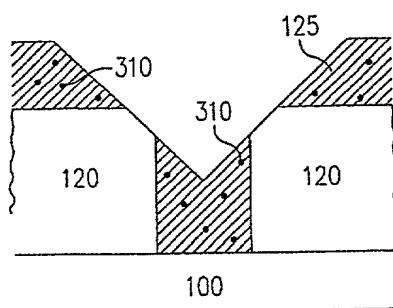


FIG. 3

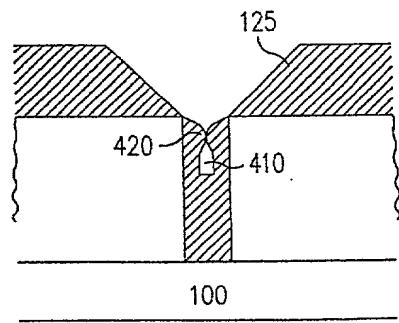


FIG. 4

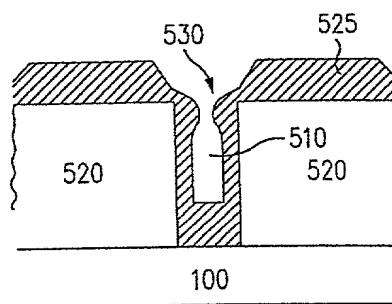


FIG. 5A

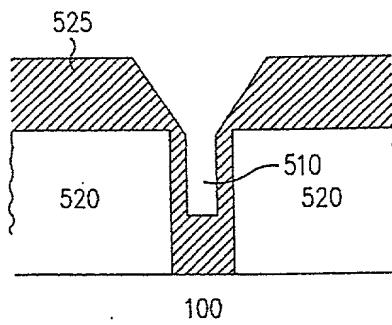


FIG. 5B

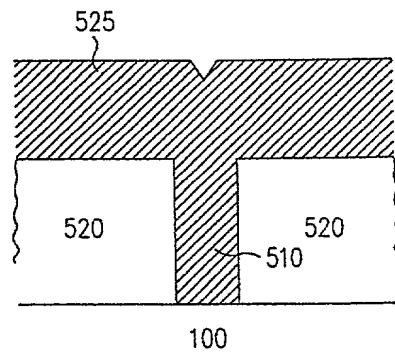


FIG. 5C

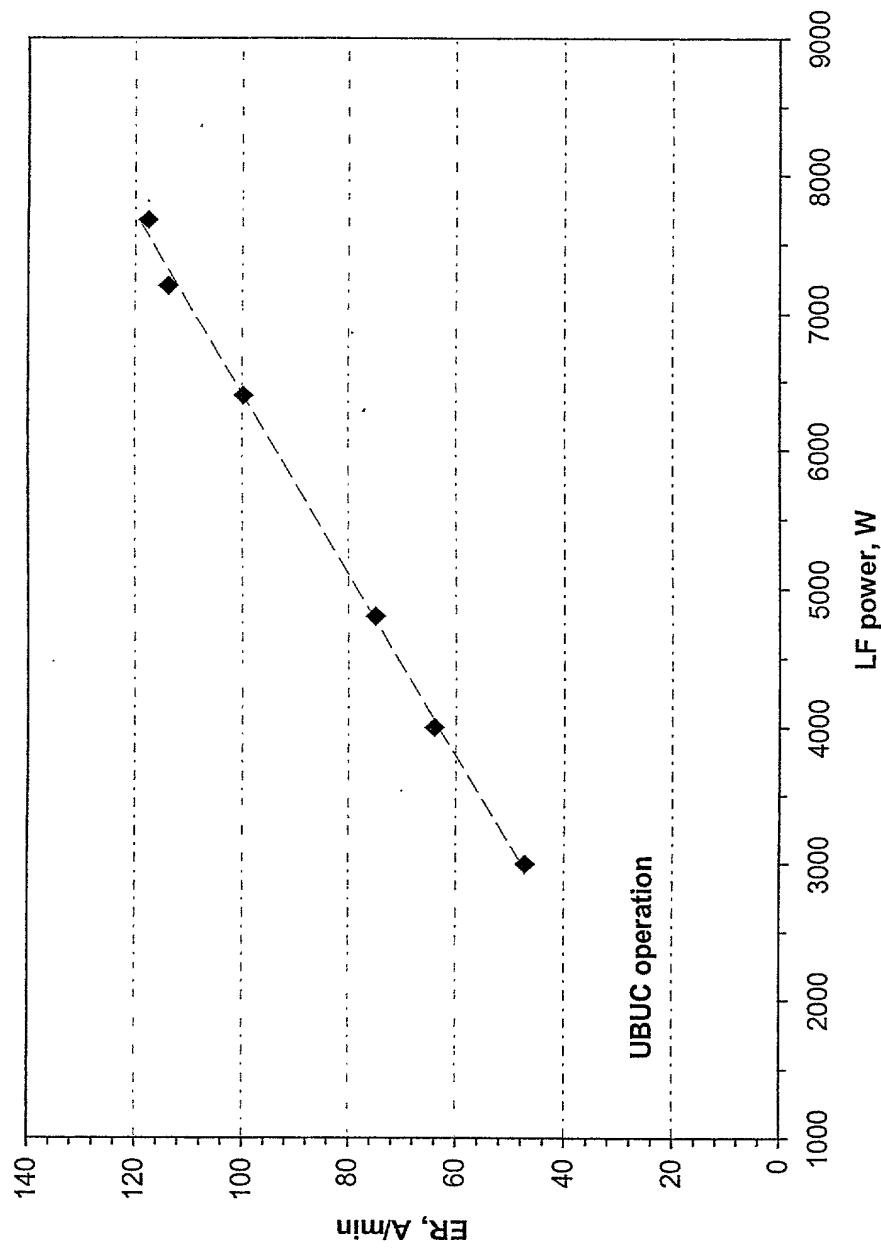
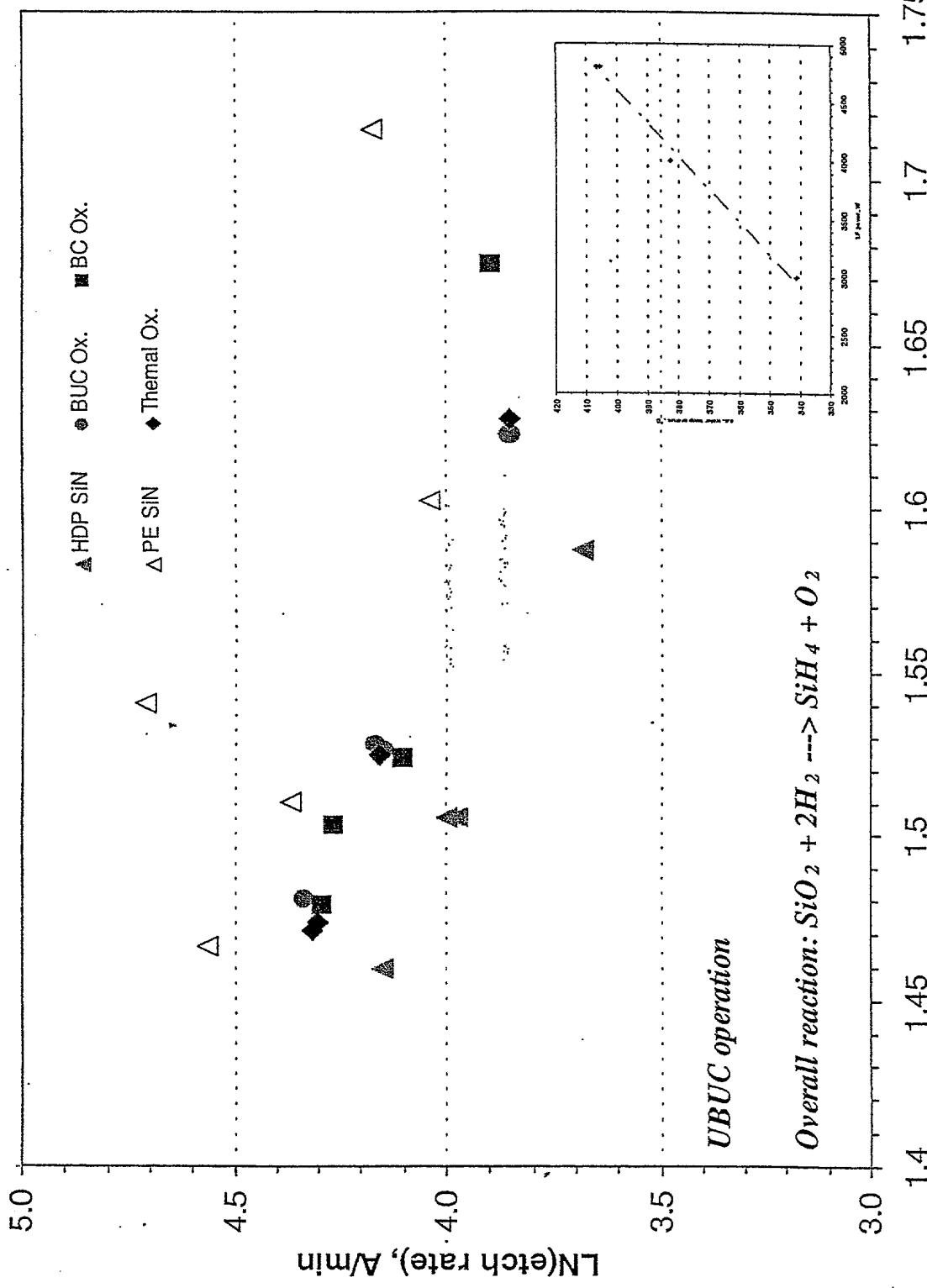


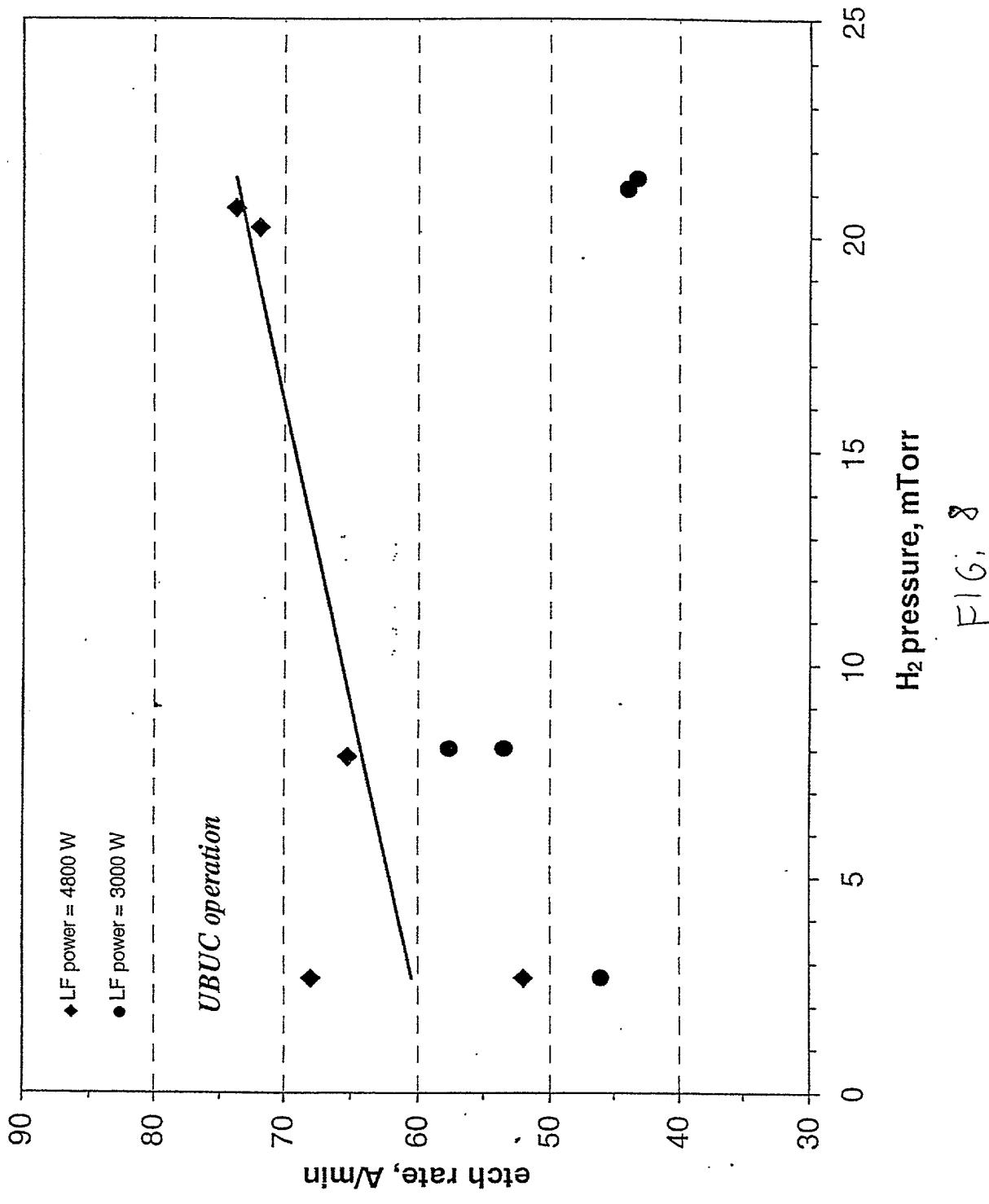
Fig. 6



Overall reaction: $\text{SiO}_2 + 2\text{H}_2 \rightarrow \text{SiH}_4 + \text{O}_2$

UBUC operation

1000/T, 1/K
F16. 7



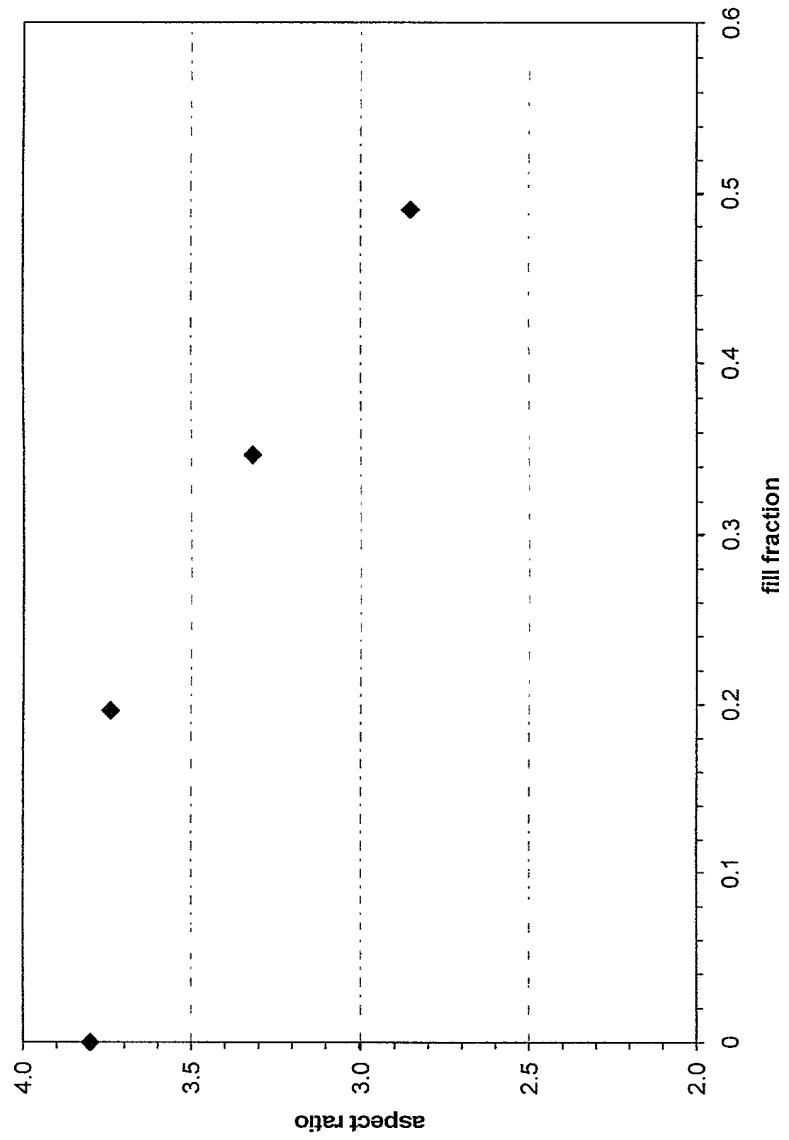


Fig. 9